

Date: Mon, 8 Nov 93 04:30:07 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1321
To: Info-Hams

Info-Hams Digest Mon, 8 Nov 93 Volume 93 : Issue 1321

Today's Topics:

 BAUD VS BAUDS
 characteristic impedence
 Neat Feature on New Motorola Commercial Handheld
 Radio Shack WeatherRadio Modification/Schematic
 Scanner for sale in Canada
 Slowpokes
 Wanted, Icom Radio
 We've lost him, Jim!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 6 Nov 93 20:22:00 -0500
From: pacbell.com!iggy.GW.Vitalink.COM!wetware!sgiblab!swrinde!gatech!
howland.reston.ans.net!pipex!sunic!psinntp!psinntp!channel1!
ken.smith@network.ucsd.edu
Subject: BAUD VS BAUDS
To: info-hams@ucsd.edu

K2PH@CBNEWSJ.CB.ATT.COM typed this about Re: BAUD VS BAUDS

K>> AGRI098@UNLVM.UNL.EDU (Roy): IS THE TERM BAUD LIKE MOST PEOPLE USE
K>> OR IS IT BAUDS LIKE THE ARRL FOLKS USE?
K>> Roy

K>Depends. Singular is baud. Plural is bauds. If it's more than one,
K>bauds is correct.

K>73,
K>Bob K2PH

Doesn't BAUD fall into the category of words like DATA? It remains the same.

Ken

— — —

CmpQwk #UNREG UNREGISTERED EVALUATION COPY

Date: 8 Nov 93 11:52:33 GMT
From: news-mail-gateway@ucsd.edu
Subject: characteristic impedance
To: info-hams@ucsd.edu

No-one has yet pointed out that you can 'measure' it directly! No need for anything electrical, electronic or radio.

The characteristic impedance of a line is given by the formula

$$Z_0 = 138 \log (d_2/d_1)$$

where d_2/d_1 is the ratio of the respective diameters of the inner and outer elements of the line.

If the line has a solid center conductor, its easy! Get out your vernier callipers or micrometer, and a scientific calculator (or log-tables for oldtimers). Multi-stranded center conductors may need some extra trigonometry; measure the thickness of one strand, count the number of strands, work out the mean diameter..... or isnt this sort of thing taught in math classes these days?

Peter J.M. Lucas	NERC Computer Services	Swindon	England
pjml@swmis.nsw.ac.uk	pjml@uk.ac.nsw.swmis		g6wbj@gb7sdn.gbr.eu

The site of Lenin's tomb would be a great location for a Lexus dealership

Date: Fri, 5 Nov 1993 18:55:20 GMT
From: fluke!pwl@beaver.cs.washington.edu
Subject: Neat Feature on New Motorola Commercial Handheld

To: info-hams@ucsd.edu

Old timers may remember a hand-held multimeter that HP made many moons ago. It was in a case shaped like a huge cigar, with an LED display. There was a switch on the unit that flipped the display so that you could read it no matter which way you were holding it. Must have been almost twenty years ago.

Paul,
KE7XT

--

Paul Lutt
Domain: pwl@tc.fluke.COM
Voice: +1 206 356 5059
UUCP: uunet!fluke!pwl
Snail: Fluke Corporation / P.O. Box 9090 / Everett, WA 98206-9090

Date: 8 Nov 93 00:41:23 GMT
From: att-out!cbnewsh!mrb1@rutgers.rutgers.edu
Subject: Radio Shack WeatherRadio Modification/Schematic
To: info-hams@ucsd.edu

Hi ---

The library where my wife works went out and bought a Radio Shack WeatherRadio Alert, Model 12-140 to let them know when there will be bad weather, etc. Unfortunately, the person purchasing it did not get the instruction book. Well, they did manage to set it up and get it to work OK but they find the alert noise to be too unnerving (especially in a quiet place like a library). What they really need is for the darn thing to stay muted until there is an alert, and then the speaker unmutes and everyone can hear the message not the way it presently works where it squeals away until someone presses the WEATHER button to hear the announcement.

My first thought was to open it up and clip a lead on the little piezoelectric sounder or whatever is in there that makes the alert noise. But upon opening it up carefully, it appears as though the alert noise is summed with the receiver audio before amplification & going out the speaker. And without a schematic, I'm a bit reluctant to do much more. Plus how would you know there was an alert so you could hit the WEATHER button and hear it ?!

So here's the question(s) ---

There's a little switch on the back bottom plate marked "ALERT LOCK" ---
will this make the receiver do what I want? What does it do?

-and/or-

Does anyone have a schematic who can tell me what lead to lift to kill
the alert tone & make the speaker unmute instead ?

-and/or-

Can someone with a schematic advise where the alert tone audio is generated
and summed in, so I can attenuate to a bearable level ?

I would appreciate any and all replies (and anyone suggesting a modification is
absolved of all responsibility). E-mail preferred as I am posting to several
relevant groups.

Thank you in advance,
Maurice R. Baker, WA3ZX0
ATT&T Bell Labs, Holmdel NJ
reply to [mrbbaker at attmail.com](mailto:mrbbaker@attmail.com) (or this message)

Date: 6 Nov 93 17:34:52 GMT
From: [utcsri!utnut!torn](mailto:utcsri@utnut.torn)!news2.uunet.ca!math.ohio-state.edu!cyber2.cyberstore.ca!
vanbc.wimsey.com!deep.rsoft.bc.ca!mindlink.bc.ca!a9414@rutgers.rutgers.edu
Subject: Scanner for sale in Canada
To: info-hams@ucsd.edu

If I am not to post this type of message here, forgive me
REALISTIC RADIO SHACK SCANNER
300 CHANNEL PRO-2004 VHF-UHF
DIRECT ENTRY PROGRAMMABLE AM FM RECEIVER
MODIFIABLE TO RECEIVE CELLULAR FREQUENCIES
CAN BE UP GRADED TO PRO-2006 WITH SIMPLE MODIFICATIONS
ASKING PRICE \$275.00 FIRM
INQUIRES PLEASE LEAVE NET-MAIL
I have recently modified the scanner to receive cellular and it works fine.

Date: 6 Nov 93 00:00:38 GMT
From: uswnvg!cjackso@uunet.uu.net
Subject: Slowpokes

To: info-hams@ucsd.edu

Derek Wills (oo7@emx.cc.utexas.edu) wrote:

: alanb@sr.hp.com (Alan Bloom) says:

: comes back with their call and QRZ? again. Ack. Of course, if you
: listen a bit before calling, you know the rhythm of the DX op, and if
: you have a long call and send it slowly, the best thing to do is turn
: off the radio and study to upgrade...

Yeah, right - I can't think of a better way to persuade those of us who ARE
trying to upgrade how nice and friendly our fellow hams can be. No wonder
most of the growth is in the "no-code".

--

Clay Jackson - N7QNM
US WEST NewVector Group Inc
Bellevue, WA
uunet!uswnvg!cjackso

Date: Fri, 5 Nov 1993 13:10:30 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!pipex!sunic!psinntp!psinntp!
laidbak!tellab5!jwa@network.ucsd.edu
Subject: Wanted, Icom Radio
To: info-hams@ucsd.edu

I'm looking for an Icom IC-745. It doesn't have
to be in mint condition. I can't afford one that
is!

Reply by e-mail only.

Jack Albert	Fellow Radio Hacker
Tele (708) 378-6201	
Tellabs Operations, Inc.	FAX (708) 378-4590
1000 Remington Blvd.	jwa@tellabs.com
Bolingbrook, IL 60440	
"he,hehe,hehe,hehehe,hehe	
hey,heyhey,heyheyhey,hey"	

Bevis & Butthead

Date: Mon, 8 Nov 93 06:46:54 GMT
From: btree!bly@network.ucsd.edu
Subject: We've lost him, Jim!
To: info-hams@ucsd.edu

In article <2b8tda\$rv0@hp-col.col.hp.com> dfk@col.hp.com (David F. Kurth) writes:
>: I've heard it said that it's possible to hear MIR, the Space Shuttle,
>: OSCAR, etc. with an HT and position-plotting software, tables, etc.

It is very possible to make duplex contact with a Low Earth Orbit (LEO)
satellite with an HT and whip antenna. Prob. need 400 Mhz and up.
Tests for the coming satellite-based pocket phones showed communications
to be high quality with less than 1 watt and a 5 inch antenna.

--

Roger Bly Jr.
bly@brooktree.com

End of Info-Hams Digest V93 #1321

